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This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

**ADVICE TO AUTHORS** Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Prof A Mindel, Academic Department of Sexual Health Medicine, Sydney Hospital, Macquarie Street, Sydney 2000, GPO Box 1614, Sydney, NSW, Australia. Tel: 61 2221 2800; Fax: 61 2 221 5810. All authors must give signed consent to publication. Submitted papers must be accompanied by the following statement, signed by all the authors: "No paper resembling the enclosed article has been or will be published except in *Genitourinary Medicine*. We transfer all copyright ownership to *Genitourinary Medicine*." If requested, authors shall produce the data upon which the manuscript is based for examination by the editor. Manuscripts will only be acknowledged if a stamped addressed postcard or international reply coupon is enclosed. Rejected papers will not be returned. Figures will be returned if requested at the time of submission.

Full details of requirements for manuscripts in the Vancouver style (*BMJ* 1982;284:1766-70) are given in *Uniform requirements for manuscripts submitted to biomedical journals*, available from the Publishing Manager, *British Medical Journal*, BMJ Publishing Group, BMA House (50p post free). Brief details are as follows:

(1) **SCRIPTS** (including correspondence and book reviews) must be typewritten on one side of the paper in double spacing with ample margins. Two copies should be sent.

(2) **EACH SCRIPT** should include, in the following order: a brief summary (structured summaries are preferred), typed on a separate sheet, outlining the main observations and conclusions followed by up to three key words; the text divided into appropriate sections; acknowledgements; references; tables, each on a separate sheet; and legends for illustrations.

(3) **THE TITLE** of the paper should be as brief as possible.

(4) **THE NUMBER OF AUTHORS** should be kept to the minimum, and only their initials and family names used.

(5) **ONLY THE INSTITUTION(S)** where work was done by each author should be stated.

(6) **SI UNITS** must be used. If old fashioned units are used, SI units should be given in parentheses or, for tables and figures, a conversion factor given as a footnote.

(7) **ONLY RECOGNISED ABBREVIATIONS** should be used.

(8) **ACKNOWLEDGEMENTS** should be limited to workers whose courtesy or help extended beyond their paid work, and supporting organisations.

(9) **FIGURES** should be numbered in the order in which they are first mentioned in the text. Captions should be typed on a separate sheet. **DIAGRAMS:** use thick, white paper and insert lettering lightly in pencil. **PHOTOGRAPHS:** should be marked lightly on the back with the author's name and indicating the top, and should not be attached by paper clips or pins. They should be trimmed to include only the relevant section (and will be reproduced 68 or 145 mm wide) to eliminate the need for reduction. Photomicrographs must have internal scale markers. Radiographs should be submitted as photographic prints, carefully prepared so that they bring out the exact point to be illustrated.

(10) **TABLES** should be numbered, have titles, and be

typed on separate sheets. Please avoid large tables and use the format which appears in current issues.

(11) **REFERENCES** should be numbered consecutively the first time they are cited and identified by arabic numbers in the text, tables, and legends to figures. Authors must take full responsibility for the accuracy of their references, and the list should be kept as short as practicable. It should be in the order in which references are first mentioned, and should include (in the following order), *journals*: author's name and initials, title of paper, name of journal (in full or abbreviated according to the list in *Index Medicus*), year of publication, volume number, and first and last page numbers; *books*: author's name and initials, full title, edition, place of publication, publisher, and year of publication. When a chapter in a book is referred to, the name and initials of the author of the chapter, title of the chapter, "In:", name and initials of the editor, and "ed" should precede book title, etc as above. In references to journals or books, when there are seven or more authors the names of the first three should be given followed by "*et al.*" Names of journals no longer published or not in *Index Medicus* should be given in full—for example, *British Journal of Venereal Diseases*.

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*Biology of B-virus (cercopithecine virus I)* chapter 16 *Immunity to Herpes Virus Infection in Humans*, and the four chapters dealing with vaccines. I particularly enjoyed reading Richard Whitely's chapter on B-virus which outlines the history of human infection, virology, pathology and pathogenesis, latency, epidemiology, clinical manifestations in animals and humans, diagnosis, treatment and control. The chapter highlights the importance of the possibility of acquisition of new viruses by humans.

Overall, I am sure this book will find wide appeal with virologists, and all those physicians who are interested in infectious diseases, and I would recommend the book to all those who can afford it, and those who can't, should make sure a copy is available in the local library.

ADRIAN MINDEL

**HIV and AIDS—Your Questions Answered.** By Graham Barter, Simon Barton, Brian Gazzard. Edinburgh, Churchill Livingstone. 1993. (Pp 173 £11.95) ISBN 0-443-04752-9.

This very readable book consists of 17 chapters of questions and answers and one chapter listing useful addresses and further reading. The scope of the chapters ranges from epidemiology through laboratory and clinical aspects to palliative care and ethical questions. The answers are thoughtful but inevitably in a book of this size, there is not room to cite the detailed evidence or give references. Some of the questions cover "grey areas" such as oro-genital transmission where the answer given ("so infrequent that it is difficult to exclude other modes of transmission") is perhaps inevitably, more a matter of opinion than a factual answer. Occasionally the answer given is actually wrong—for example, "the blood transfusion service is constantly vigilant for a rise in the incidence of HIV-2, so that it should also be tested for very rapidly". In fact routine screening for HIV-2 (as well as HIV-1) has been nationwide practice for blood donations since May 1990.

The information on breast feeding as a route of transmission is also out of date: "It seems likely that breast feeding does carry a risk of infecting an otherwise non-infected baby. However, this risk is estimated as small". In fact, Peckham and Giaquinto have stated "that the additional risk of infection over and above the transmission in utero and at delivery, is about 15%" (ABC or AIDS, 3rd Edition). Mostly, however, the answers are extremely informative and useful.

I liked the answer differentiating EBV mononucleosis from primary HIV infection. There are also useful clinical tips on a wide range of subjects including chronic sinusitis and aphthous ulceration. There is much that is good about this book and it deserves to sell well.

CA CARNE

## NOTICES

**The Australasian College of Venereologists**, New South Wales Chapter, will hold a scientific meeting titled "*Viral STD: Resistance and Therapeutics*" on Friday 4 March 1994 at The Marriott Hotel, Sydney.

Details may be obtained from: Dr Robert Finlayson, 302 Bourke Street, Darlinghurst, NSW 2010, Australia. Tel: +61 2 331 6151. Fax: +61 2 331 3943.

**Second European Meeting on Migratory Prostitution, Istanbul, 29-30 March, 1994.**

Details may be obtained from Prof. P-A Mårdh, WHO Coll. Centre for STD and their Complications, Uppsala University, Box 552, S-751 22 Uppsala, Sweden. Fax: +46-18 557301, Tel: +46-18 663902.

### MSSVD LIBRARY

*The following books have been purchased for MSSVD library in 1993.*

**ASTRUC, Jean** *A treatise of venereal diseases in nine books* (trans from the Latin). London, Innys et al, 1754. This famous book is one of the classics of venereology.

**COLLES, Abraham** *Selection from the works*. London, New Sydenham Society, 1881. Colles' law on congenital syphilis is well known, but he wrote about many other aspects of venereology, most of which are included here.

**DIDAY, Paul** *A treatise on syphilis in newborn children and infants at the breast*. London, New Sydenham Society, 1859. Diday was a pupil of Ricord. This book is the first of any note on the subject, and became a widely-read classic.

**FOURNIER, Alfred** *Syphilis and marriage* (trans from the French). London, David Bogue, 1881. When it was realised that syphilis was contagious beyond its primary stage the question of marriage became delicate and important, and was addressed in detail in this famous work.

**GATAKER, Thomas** *Observations on venereal complaints and on the methods recommended for their cure*. Edinburgh, Bell et al, 1787. This little book is in the form of two

"letters to a surgeon", and is illuminating about British practice at this time.

**LUMB, Major NPL** *The urethroscope in the diagnosis and treatment of urethritis*. London, Bale, Sons and Danielsson, 1919. This short book by an army surgeon describes and illustrates an art, now lost, which was essential for a venereologist in the pre-antibiotic era.

**PAGET, Stephen John Hunter**. London, T Fisher Unwin, 1897. This well-known biography gives a vivid picture of Hunter's career and personality.

**PARKER, Langston** *The modern treatment of syphilitic diseases*. London, Churchill, 1845. Parker worked at the Queen's Hospital in Birmingham. The book also contains chapters on gonorrhoea, genital ulcers and other aspects of venereology.

**RICORD, Philippe** *Lettres sur la syphilis*. Paris, l'Union Médicale, 1856. This book, which contains essays on various aspects of syphilis by one of the masters of 19th C venereology, was widely read and highly influential.

*Selected Essays and Monographs*, vol 161. New Sydenham Society, 1897. These articles are mostly about treponemal disease. They include four on yaws, two on neurosyphilis by Alfred Fournier and one by Albert Neisser on the relation between early syphilis treated with mercury and subsequent late syphilis.

*Selected Essays and Monographs*, vol 170. London, New Sydenham Society, 1900. A further selection of papers on dermatovenereology by well-known authors. Wilhelm Erb's account of the aetiology and treatment of tabes dorsalis and Edward Ehlers' of syphilis in Iceland are of particular interest.

**SWEDIAUR, Francois** *Practical observations on venereal complaints*. Edinburgh, Bell et al, 1787. Swediaur was an experienced clinician, and this book was widely read in its day. If for no other reason, it is worth reading for his withering review of John Hunter's *Treatise on the venereal disease*.

**WORLD FORUM ON SYPHILIS AND OTHER TREPONEMATOSES**. US Government Printing Office, 1962. The book contains 90 papers on public health, clinical, laboratory and behavioural aspects of treponemal disease read at a meeting in Washington DC.

**von ZUMBUSCH, Leo** *Atlas of syphilis*. London, John Bale, Sons and Danielsson, 1922. The colour photographs are of remarkable quality, and give an unforgettable picture of syphilis as it was 70 years ago.

*The MSSVD Historical Library is housed in the Library of the Royal Society of Medicine, 1 Wimpole St, London W1M 8AE.*

## CURRENT PUBLICATIONS

Selected titles from recent reports published worldwide are arranged in the following sections:

Gonorrhoea  
Chlamydia  
Pelvic inflammatory disease  
Candidiasis  
Bacterial vaginosis  
Trichomoniasis  
Syphilis and other treponematoses  
Herpes  
Human papillomavirus infection  
Cervical cytology and colposcopy  
Public health and social aspects  
Microbiology and Immunology  
Dermatology  
Miscellaneous

### Gonorrhoea

**Multicenter, comparative study of cefotaxime and ceftriaxone for treatment of uncomplicated gonorrhoea.**

WM McCORMACK, WJ MOGABHAB, RB JONES, EW HOOK, GD WENDEL, HH HANDSFIELD. *Sex Transm Dis* 1993;20:269.

**Treatment of uncomplicated gonorrhoea with single doses of 200 mg cefixime.**

MS VERDON, JM DOUGLAS, SD WIGGINS, HH HANDSFIELD. *Sex Transm Dis* 1993;20:290.

**Antibacterial activities of OPC-17116, ofloxacin and ciprofloxacin against 200 isolates of *Neisseria gonorrhoeae*.**

JM ZENILMAN, T NEUMANN, M PATTON, C REICHART. *Antimicrob Agents Chemother* 1993; 37:2244.

**Direct DNA probe assay for *Neisseria gonorrhoeae* in pharyngeal and rectal specimens.**

JS LEWIS, O FAKILE, E FOSS, G LEGARZA, A LESKYS, K LOWE, D POWNING. *J Clin Microbiol* 1993;31:2783.

**Comparison of DNA probe test and culture for the detection of *Neisseria gonorrhoeae* in genital samples.**

A STARY, W KOPP, B ZAHLE, S NERAD, L TEDDOROWICZ, I HORTINGMULLER. *Sex Transm Dis* 1993;20:243.

**Discriminatory power of typing schemes based on Simpson index of diversity for *Neisseria gonorrhoeae*.**

JAR DILLON, M RAHMAN, KH YEUNG. *J Clin Microbiol* 1993;31:2831.

**Isolation of the periplasm of *Neisseria gonorrhoeae*.**

RC JUDD, SF PORCELLA. *Mol Microbiol* 1993; 10:567.

**Increased sensitivity of gonococcal pili mutants to bactericidal activity of normal human serum.**

MK TAHA. *Infect Immun* 1993;61:4662.

### Chlamydia

**Toward control of sexually transmitted chlamydial infections.**

WE STAMM. *Ann Intern Med* 1993;119:432.

**An economic evaluation of screening for *Chlamydia trachomatis* in adolescent males.**

M GENG, L RUUSUVAARA, PA MARDH. *JAMA* 1993;270:2057.

**Screening young men for chlamydial infection.**

MD ARONSON, RS PHILLIPS. *JAMA* 1993;270: 2097.

**Detection of *Chlamydia trachomatis* in the urine of young Norwegian males by enzyme immunoassay.**

O SCHEEL, G ANESTAD, R MUNDAL, BP BERDAL. *Eur J Clin Microbiol Infect Dis* 1993;12:746.

**Evaluation of urine-based screening strategies to detect *Chlamydia trachomatis* among sexually active asymptomatic young males.**

MA SHAFER, J SCHACHTER, J MONCADA, et al. *JAMA* 1993;270:2065.

**Diagnosis of *Chlamydia trachomatis* urethritis in men by polymerase chain reaction assay of 1st-catch urine.**

JE BAUWENS, AM CLARK, MJ LOEFFELHOLZ, SA HERMAN, WE STAMM. *J Clin Microbiol* 1993; 31:3013.

**Mandatory use of confirmation stage with Chlamydiazyme during urinary sediment analysis.**

JR ANDERSON, G MUMTAZ, P MULHARE, J POSSAR, GL RIDGWAY. *J Clin Pathol* 1993;46: 896.

**Use of a commercial PCR kit for detecting *Chlamydia trachomatis*.**

IW SMITH, CL MORRISON, C PATRIZIO, A McMILLAN. *J Clin Pathol* 1993;46:822.

**Evaluation of sensitivity of 10 diagnostic assays for *Chlamydia trachomatis* by use of a simple laboratory procedure.**

BJ THOMAS, EJ MACLEOD, D TAYLOR ROBINSON. *J Clin Pathol* 1993;46:912.

**Clinical evaluation of a new polymerase chain reaction assay for detection of *Chlamydia trachomatis* in endocervical specimens.**

CA BASS, DL JUNGKIND, NS SILVERMAN, JM BONDI. *J Clin Microbiol* 1993;31:2648.

**Diagnosis of *Chlamydia trachomatis* endocervical infections by a commercial polymerase chain reaction assay.**

JE BAUWENS, AM CLARK, WE STAMM. *J Clin Microbiol* 1993;31:3023.

**Long-term eradication of *Chlamydia trachomatis* genital infection after antimicrobial therapy—evidence against persistent infection.**

LA WORKOWSKI, MF LAMPE, KG WONG, MB WATTS, WE STAMM. *JAMA* 1993;270:2071.

**Association between antibody to the chlamydial heat-shock protein and tubal infertility.**

B TOYE, C LAFERRIERE, P CLAMAN, P JESSAMINE, R PEELING. *J Infect Dis* 1993;168:1236.

***Chlamydia trachomatis* infection of cultured motile cells after uptake of chlamydiae from the substratum.**

S CAMPBELL, PS YATES, SJ RICHMOND. *J Gen Microbiol* 1993;139:2151.

**An in vitro human epithelial cell culture system for studying the pathogenesis of *Chlamydia trachomatis*.**

PB WYRICK, CH DAVIS, ST KNIGHT, J CHOONG, JE RAULSTON, N SCHRAMM. *Sex Transm Dis* 1993; 20:248.

**Expression of the major outer membrane protein of *Chlamydia trachomatis* in**

***Escherichia coli*.**

DS MANNING, SJ STEWART. *Infect Immun* 1993; 61:4093.

### Pelvic Inflammatory Disease

**Pelvic inflammatory disease—meta-analysis of antimicrobial regimen efficacy.**

CK WALKER, JG KAHN, AE WASHINGTON, HB PETERSON, RL SWEET. *J Infect Dis* 1993;168:969.

**Pelvic inflammatory disease in human immunodeficiency virus infected women.**

AP KORN, DV LANDERS, JR GREEN, RL SWEET. *Obstet Gynecol* 1993;82:765.

### Candidiasis

**Candida-specific Th1-type responsiveness in mice with experimental vaginal candidiasis.**

PL FIDEL, ME LYNCH, JD SOBEL. *Infect Immun* 1993;61:4202.

### Bacterial Vaginosis

**Bacterial vaginosis.**

Am J Obstet Gynecol 1993;169:441-479 (whole issue).

**A randomised double-blind trial of tinidazole treatment of the sexual partners of females with bacterial vaginosis.**

T VUTYAVANICH, P PONGSUTHIRAL, P VANNAREVMOL, PA RUANGSRI, P LUANGSOOK. *Obstet Gynecol* 1993;82:550.

### Trichomoniasis

**Multiple double-stranded RNA segments are associated with virus particles infecting *Trichomonas vaginalis*.**

A KHOSHANAN, JF ALDERETE. *J Virol* 1993;67: 6950.

### Syphilis and other treponematoses

**Nonvenereal treponematoses—yaws, endemic syphilis and pinta.**

AB KOFF, T ROSEN. *J Am Acad Dermatol* 1993; 29:519.

**Prozone phenomenon in secondary syphilis—has its time arrived?**

RL JURADO, J CAMPBELL, PD MARTIN. *Arch Int Med* 1993;153:2496.

**Pathology of congenital syphilis in rabbits.**

MK FROBERG, TJ FITZGERALD, TR HAMILTON, B HAMILTON, M ZARABI. *Infect Immun* 1993;61: 4743.

### Scintigraphic diagnosis of syphilitic lesions in rabbits by radiolabelled monoclonal antibodies specific for *Treponema pallidum*.

MG LEE, KY CHUNG, JD LEE, *et al.* *Acta Dermatovenereol* 1993;73:276.

### The ability of peripheral blood mononuclear cells of rabbits infected with *Treponema pallidum* to produce IL-2.

J PODWINSKA, R ZABA, M CHOMIK, J BOWSZYC. *Fems Immunol Med Microbiol* 1993;7:257.

## Herpes

### Herpes: a global challenge.

*J Med Virol* 1993;Supplement 1 (whole issue).

### Acute herpes hepatitis in pregnancy.

CG FINK, SJ READ, J HOPKINS, T PETO, S GOULD, JB KURTZ. *J Clin Pathol* 1993;46:968.

### Mini-review—viral, neuronal and immune factors which may influence herpes simplex virus latency and reactivation.

NW FRASER, T VALYINAGY. *Microbial Pathogen* 1993;15:83.

### Mechanisms of herpes virus resistance.

P COLLINS. *Ann Med* 1993;25:441.

### The role of the immune system in establishment of herpes simplex virus latency—studies using CD4+ T-cell depleted mice.

DS SCHMIDT, AM EISHUBINGER, KE SCHNEWEIS. *Arch Virol* 1993;133:179.

### Characterisation of an in vivo reactivation model of herpes simplex virus from mice trigeminal ganglia.

B BIRMANNS, I REIBSTEIN, I STEINER. *J Gen Virol* 1993;74:2487.

### Induction of reactivation of herpes simplex virus in murine sensory ganglia in vivo by cadmium.

RL FAWL, B ROIZMAN. *J Virol* 1993;67:7025.

### Effect of indomethacin on ultraviolet radiation-induced recurrent herpes simplex virus disease in guinea-pigs.

DF BRATCHER, CJ HARRISON, N BOURNE, LR STANBERRY DI BERNSTEIN. *J Gen Virol* 1993;74:1951.

### An overview of the further evaluation of peniciclovir against herpes simplex virus and varicella zoster virus in cell culture highlighting contrasts with acyclovir.

TH BACON, RF SCHINAZI. *Antiviral Chem Chemother* 1993;4:25.

### In vitro activity of peniciclovir against clinical isolates of acyclovir-resistant and foscarnet-resistant herpes simplex virus.

S SAFRIN, L PHAN. *Antimicrob Agents Chemother* 1993;37:2241.

### Production of herpes simplex virus fluorescein labelled typing reagents.

P WILSON, LM CROPPER, R PATT, IR SHAPR. *J Virol Meth* 1993;45:19.

### Evaluation of a genetically engineered cell line and a histochemical $\beta$ -galactosidase assay to detect herpes simplex virus in clinical specimens.

EC STABELL, SR OROURKE, GA STORCH, PD OLIVO. *J Clin Microbiol* 1993;31:2796.

### Autocrine secretion of interferon- $\alpha\beta$ and tumour necrosis factor- $\alpha$ synergistically activates mouse macrophages after infection with herpes simplex virus type-2.

S ELLERMANNRIKSEN. *J Gen Virol* 1993;74:2191.

### Activity of the Keggin polyoxotungstate PM-19 against herpes simplexvirus type-2 infection in immunosuppressed mice—role of peritoneal macrophage activation.

S IKEDA, S NISHIYA, A YAMAMOTO, T YAMASE, C NISHIMURA, E DECLERW. *J Med Virol* 1993;41:191.

## Human papillomavirus infection

### Sequence variants of human papillomavirus type-16 from couples suggest sexual transmission with low infectivity and polyclonality in genital neoplasia.

L HO, SK TAY, SY CHAN, HU BERNARD. *J Infect Dis* 1993;168:803.

### Papillomavirus DNA typing analysis in condyloma acuminatum patients and their consorts.

M KISS, S HUSZ, J SOOS, A DOBOZY. *Acta Dermatovenereol* 1993;73:352.

### Variability of human papillomavirus DNA testing in a longitudinal cohort of young women.

AB MOSCICKI, J PALEFSKY, G SMITH, S SIBOSHSKI, G SCHOOLNIK. *Obstet Gynecol* 1993;82:578.

### Determinants of genital human papillomavirus infection in low-risk women in Washington, DC.

HM BAUER, A HILDESHAM, MH SCHIFFMAN *et al.* *Sex Transm Dis* 1993;20:279.

### Determinants of genital human papillomavirus infection in low-risk women in Portland, Oregon.

HM BAUER, A HILDESHAM, MH SCHIFFMAN *et al.* *Sex Transm Dis* 1993;20:274.

### Determinants of genital human papillomavirus infection among cytologically normal women attending the University of New Mexico student health center.

CM WHEELER, CA PARMENTER, WC HUNT, *et al.* *Sex Transm Dis* 1993;20:286.

### Cervical HPV infection among HIV-infected prostitutes addicted to hard drugs.

GJJ VANDOORNUM, JAR VANDENHOEK, EJC VANAMEIJEN *et al.* *J Med Virol* 1993;41:185.

### The genetic drift of human papillomavirus type-16 is a means of reconstructing prehistoric viral spread and the movement of ancient human populations.

L HO, SY CHAN, RD BURK *et al.* *J Virol* 1993;67:6413.

### Evolution of human papillomavirus type-18—an ancient phylogenetic root in Africa and intratype diversity reflect coevolution with human ethnic groups.

CK ONG, SY CHAN, MS CAMPO *et al.* *J Virol* 1993;67:6424.

### In vitro HPV-11 infection of human fore-skin.

LH SMITH, C FOSTER, ME HITCHCOCK, R ISSEROFF. *J Invest Dermatol* 1993;101:292.

### Influence of schedule and mode of administration on effectiveness of podofilox treatment of papillomas.

JW KREIDER, MD PICKEL. *J Invest Dermatol* 1993;101:614.

### PCR detection and typing of genital papillomavirus in a New Brunswick population.

J KURZ, K MITRA, R ADAM *et al.* *Int J Cancer* 1993;55:604.

### Detection of mucosal human papillomavirus types 6/11 in cutaneous lesions from transplant recipients.

C SOLER, Y CHARDONNET, P ALLIBERT, S EUVRAD, D SCHMITT, B MANDRAND. *J Invest Dermatol* 1993;101:286.

### Human papillomavirus in vulvar squamous-cell carcinoma and in normal vulvar tissues—a search for possible impact of HPV on vulvar cancer prognosis.

U HORDING, B KRINGSOLM, B ANDRESSON, J VISFELDT, S DAUGAARD, JE BOCK. *Int J Cancer* 1993;55:394.

### Vaginal intraepithelial neoplasia—reproducibility of pathologic diagnosis and correlation of smears and biopsies.

ME SHERMAN, G PAULL. *Acta Cytol* 1993;37:699.

### Extensive human papillomavirus related disease (Bowenoid papulosis, Bowens disease and squamous cell carcinoma) in a patient with hairy cell leukemia—clinical and immunologic evaluation after an interferon alfa trial.

C LEBBE, M RYOJAD, S OCHONISKY *et al.* *J Am Acad Dermatol* 1993;29:644.

### Analysis of human papillomavirus types in exophytic condylomata acuminata by hybrid capture and Southern blot techniques.

DR BROWN, JT BRYAN, H CRAMER, KH FIFE. *J Clin Microbiol* 1993;31:2667.

### Papillomavirus screening in cervical cell samples using dual-label dot-blot analysis.

CG POTTER, K COOPER, JE STICKLAND, AL RAMSHAW, JO MCGEE. *J Pathol* 1993;171:35.

### Detection of human papillomavirus infection by non-isotopic in situ hybridization in condylomatous and CIN lesions.

R POLLANEN, S VUOPALA, VP LEHTO. *J Clin Pathol* 1993;46:936.

### Detection of human papillomavirus DNA by in situ hybridisation and polymerase chain reaction in human papillomavirus equivocal and dysplastic cervical biopsies.

KR SHROYER, GS LOVELACE, ML ABARCA *et al.* *Hum Pathol* 1993;24:1012.

### Correlation of human papillomavirus DNA detection in biopsies of cervical lesions and the corresponding cervical swabs with the same method of in situ hybridization.

KU PETRY, E KUPSCH, HJ LICK, M WERNER. *Acta Virol* 1993;37:251.

### HPV-16, tobacco-specific N-nitrosamine and N-methyl-N'-nitro-N-nitrosoguanidine in oral carcinogenesis.

MS KIM, KH SHIN, JH BAEK, HM CHERRICK, NH PARK. *Cancer Res* 1993;53:4811.

### Analysis of the growth properties and physical state of the human papillomavirus type-16 genome in cell lines derived from primary cervical tumors.

L BRAUN, R MIKUMO, HF MARK, S LAUCHLIN. *Am J Pathol* 1993;143:832.

### Lack of association of HLA polymorphisms with human papillomavirus related cervical cancer.

SS GLEW, M DUGGANKEEN, AL GHOSH *et al.* *Hum Immunol* 1993;37:157.

### HLA expression in pre-invasive cervical neoplasia in relation to human papilloma virus infection.

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